Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Project Division Yelahanaka

Name of Work: Improvements of roads and drains at Chokkanahalli surrounding area in Ward No.05 (Jakkur) Byatarayanapura Sub division

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Civil Work								
KSRRB 300-1. **Earthwork excavation by manual means for roads,** drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(P.No-143 &136 ,I No-19.1&17.4& 17.1,KPWD SR 2018-19) 8km lead= 57+2.0x1.28x8 = 77.48								
CC Drain								
Chokkanahalli Mn Rd	2	742.00	1.10	1.10	1795.64			
Mathru Condiment Rd	2	108.00	1.10	1.10	261.36			
Chokkanahalli Layout Mn Rd	2	350.00	1.10	1.10	847.00			
Over Burden Earth	8	3.00	2.50	0.75	45.00			
	6	7.00	2.00	1.00	84.00			
Culvert	3	6.00	1.50	1.10	29.70			
					3062.70	**Cum**	**215.28**	**659338.06**
Basic Rate	**130.00**							
Loading, Unloading& Lead	**77.48**							
AW6%	**7.80**							
Total	**215.28**							
KSRRB M2100-10. Providing and laying **Plain cement concrete of mix 1:3:6** with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18,KPWD SR 2018-19)								
CC Drain								
Chokkanahalli Mn Rd	2	742.00	1.10	0.15	244.86			
Mathru Condiment Rd	2	108.00	1.10	0.15	35.64			
Chokkanahalli Layout Mn Rd	2	350.00	1.10	0.15	115.50			
Culvert	3	6.00	1.50	0.15	4.05			
					400.05	**Cum**	**5421.90**	**2169031.10**
Basic Rate	**5115.00**							
AW6%	**306.90**							
Total	**5421.90**							
KSRB 4.9.2 : Providing **T.M.T steel reinforcement** for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specificatio (I No-28.8.2,P No-229,KPWD SR 2018-19)								
Consider 60Kg/Cum	1	756.00	60.00		45360.00			
Consider 90Kg/Cum	1	9.94	90.00		894.24			
					46254.24			
					46.25	**Tn**	**72326.98**	**3345429.49**
Basic Rate	**68233.00**							

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	AW6%	**4093.98**							
	Total	**72326.98**							
	Providing and laying **plain/reinforced cement concrete** for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No-37.59.2,P No-271,KPWD SR 2018-19)								
	CC Drain Raft								
	Chokkanahalli Mn Rd	2	742.00	0.90	0.15	200.34			
	Mathru Condiment Rd	2	108.00	0.90	0.15	29.16			
	Chokkanahalli Layout Mn Rd	2	350.00	0.90	0.15	94.50			
	CC Drain Wall								
	Chokkanahalli Mn Rd	4	742.00	0.15	0.60	267.12			
	Mathru Condiment Rd	4	108.00	0.15	0.60	38.88			
	Chokkanahalli Layout Mn Rd	4	350.00	0.15	0.60	126.00			
						756.00			
	Culvert Raft	3	6.00	1.20	0.23	4.97			
	Culvert Wall	6	6.00	0.23	0.60	4.97			
						9.94			
						765.94	**Cum**	**7070.20**	**5415320.71**
	Basic Rate	**6670.00**							
	AW6%	**400.20**							
	Total	**7070.20**							
	Providing and Fixing **pre cast covering Slab** made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)								
	CC Drain Top Covering Slab								
	Chokkanahalli Mn Rd	2	742.00	0.90		1335.60			
	Mathru Condiment Rd	2	108.00	0.90		194.40			
	Chokkanahalli Layout Mn Rd	2	350.00	0.90		630.00			
						2160.00	**Sqm**	**2337.00**	**5047920.00**
	Data Rate	**2337.00**							
	Providing and Fixing pre cast **covering Slab 250mm thick** made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge ,KPWD SR 2018-19								
	Culvert Top Slab	3	6.00	1.20		21.60			
						21.60	**Sqm**	**5418.00**	**117028.80**
	Data Rate	**5418.00**							
								Total Construction Cost	**16754068.15**

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
							Towards GST 12%	2010488.18
							Tender Premium	837703.41
							Towards DPR & PMC Cost	397000.00
							Sub Total	19999259.74
							Utility Shifting,Miscellaneous and Rounding off	740.26
			GRAND TOTAL					20000000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019.and Data Rates

Assistant Engineer
Project Division Yelahanaka
BBMP Bangalore

Asst. Executive Engineer,
Project Division Yelahanaka
BBMP Bangalore

Executive Engineer
Project Division Yelahanaka
BBMP Bangalore

Technical Sanction
Accorded For Rs 200 lakhs only
Head of A/C P3801
CER NO :73 Dt:10.08.2020

TA

CE (YNK)

Administrative Approval
Accorded For Rs. 200.00 lakhs
Head of A/C P3801
CER NO :66 Dt:05/12/2020

S.E. (Projects)